

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT, -- 03/05618A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 910 990 A (SIEMENS AG) 28 April 1999 (1999-04-28) cited in the application paragraph '0018! - paragraph '0021!; figure 1 ---	1,5,9
A	US 6 050 724 A (SCHMITZ GEORG ET AL) 18 April 2000 (2000-04-18) column 5, line 23 -column 6, line 28; figure 1 ---	2-4,6-8
Y	US 6 206 566 B1 (SCHUETZ OLIVER) 27 March 2001 (2001-03-27) column 5, line 1 -column 6, line 43; figure 1 ---	1,5,9
A	---	2-4,6-8

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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

2 March 2004

Date of mailing of the International search report

17/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2001/053204 A1 (MITSCHKE MATTHIAS ET AL) 20 December 2001 (2001-12-20) the whole document -----	1,5,9
A	US 2001/027263 A1 (SABCZYNISKI JORG ET AL) 4 October 2001 (2001-10-04) the whole document -----	2-4,6-8
A		1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No

PCT/EP 03/05618

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0910990	A	28-04-1999	DE 19746093 A1 EP 0910990 A1 US 6120180 A		06-05-1999 28-04-1999 19-09-2000
US 6050724	A	18-04-2000	DE 19703556 A1 EP 0857461 A2 JP 10272127 A		06-08-1998 12-08-1998 13-10-1998
US 6206566	B1	27-03-2001	DE 19950793 A1 US 6379041 B1		31-08-2000 30-04-2002
US 2001053204	A1	20-12-2001	NONE		
US 2001027263	A1	04-10-2001	DE 10004764 A1 EP 1121900 A2 JP 2001245880 A		09-08-2001 08-08-2001 11-09-2001